**MINUTES OF PUBLIC MEETING OF THE
ARIZONA GEOGRAPHIC INFORMATION COUNCIL
DATA COMMITTEE – NATURAL RESOURCES WORK GROUP**

<p style="color:red; text-align:center">**DRAFT**</p>

A public meeting of the Arizona Geographic Information Council was convened July 24, 2020 at 1:00 PM on Webex. Present at the meeting were the following members or designees of the AGIC Data Committee-Natural Resources Work Group – NHD Pilot Team:

Table 1: Work Group Voting Members

Member	Agency/Company	In Attendance
Glen Buettner, Co-chair	AZ Dept of Water Resources	Yes, phone
Jeremy Johnson, Co-chair	Matrix New World	Yes, phone
Robert Davis	Quiet Creek	Yes, phone
Ben Hickson	PAG	Yes, phone
Jenna Leveille	AZ State Land Department	Yes, phone

Table 2: Public At-Large

Name	Agency/Company	In Attendance
Candace Bogart	US Forest Service	Yes
Jacob Czawlytko	Chesapeake Conservancy	Yes
Drew Decker	USGS	Yes
Doug McCarty	ADEQ	Yes
Tanya Owens	Westland Resources	Yes
Kevin Hadder	ADWR	Yes
Cody Maynard	ADEQ	Yes

I. **Call to order**: Meeting was called to order at 1:03 pm; Introductions were made by the committee; ensuring attendance list was managed and quorum established.

II. **Approval of the June meeting minutes:** The draft meeting minutes for the June meeting were distributed via email prior to the meeting. Glen Buettner asked for a motion to approve. Ben Hickson motioned to approve, and Robert Davis seconded. The motion passed unanimously without discussion.

III. **AZGeo Group Update:** Jenna reviewed the NRWG NHD Pilot group on AZGeo. She showed the group how to request an account and access to the group. Robert shared high level details on the functionality of ArcGIS Online. This platform should allow collaborative editing and sharing for the pilot area.

Group members were encouraged to register for AZGeo and request access to the group.

IV. **Data Request Status**: Cody Maynard reported that the group is in the preliminary stages of data collection. Since the last meeting none of the contacted individuals have responded. He asked the group for suggestions on the next steps, including input on standard schema. Drew Decker will identify core attributes for NHD as a starting place. Jenna reminded the group they could collectively contribute to a document via google drive. She will share a link to the group drive.

Drew provided a live demo of the current NHD for Arizona. He emphasized the network aspects of the data. Water bodies were noted, and flowline direction is identified in the attributes. He added that detailed information that is not included in the current NHD cannot be added directly. A relational table that can be joined to the NHD is the best mechanism to store additional attributes. Drew suggested that the existing permanent_ID or reachcode attributes in the NHD could be used to join to a relational table; both are unique.

The discussion focused on technical details of the data and the NHD editing tool. Also discussed were the details for the proposed meeting with the USGS technical team and what the group would like to cover. Workflows for individual features are a concern and likely too arduous for AZ contributors. Types of features, permissions and basic framework were also touched on. USFS provided recommendations on workflow based on their previous experience contributing to the NHD.

V. **Upcoming meeting with USGS Technical Team:** The group discussed availability for the meeting and tentative dates. A poll was suggested for the first and third week in Aug. Doug volunteered to send the poll to participants. Content and draft agenda were also discussed. USGS presentation and overview of available of edit tools would be covered. Also, best practice documentation and stewardship outreach could be shared. Drew will draft an agenda to work from. Group goals and expectations should also be discussed.

VI. **Next Steps:**

- Pilot project tasks and work distribution:
    - Poll (Doug) and draft agenda (Drew) for USGS Technical

meeting
- Join AZGeo group (All)
- Getting source materials uploaded to AZGeo
  - NHD Data – Drew will provide to Robert
  - Any group member agencies with data within the pilot areas should upload to AZGeo
    - ADEQ
    - ADWR
    - USFS – their data is already reflected in the NHD; will share geographic names table (joins on reachID)
    - Pima county (washes?)
  - Identify any critical attributes for each group
  - Understand user customizations
- Document attribution, workflow & scale considerations
- Future meeting date? End of Aug with data shared on AZGeo.

VII. **AGIC Education & Training Symposium SIG Presentation:** NRWG is allocating one hour of the two Special Interest Group track focused on this pilot project. How does the group want to use it? Possible panel discussion? A series of recap presentations? Drew submitted an abstract to cover the USGS NHD side. Doug suggested perhaps having Patti do something on WOTUS. Jacob is willing to present on the work the Chesapeake Conservancy has done in Pima County; they are also willing to present to NRWG. Robert Davis is willing to put something together on the issues driving the need to update the NHD. Jenna to follow-up with Doug, Jacob, and Robert.

VIII. **Information or topics for future meetings:** Chesapeake Conservancy presentation

IX. **Adjourn:** Meeting adjourned at 2:31pm